

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	6	torch.ti. and (valve near5 orientation)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:10
L3	13	("1940343"   "2989242"   "3354930"   "4022441"   "4194535"   "4248384"   "4409002"   "4509689").PN. OR ("5772954").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:11
L4	462	(239/414).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/18 15:12
L5	396	(266/48).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/18 15:15
L7	13	266/48.ccls. and valve and invert\$3	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:16
L8	2	("2275491").URPN.	USPAT	OR	ON	2007/07/18 15:19
L9	7	("2275491" "2666479" "2672186" "2893420" "3891195" "5470227" "5571427").PN.	USPAT	OR	ON	2007/07/18 15:19
L10	1	("2666479").URPN.	USPAT	OR	ON	2007/07/18 15:22
L11	1	("2709446").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/18 15:22
L12	1	("2709446").URPN.	USPAT	OR	ON	2007/07/18 15:26
L13	460	(137/270).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/18 15:26
L14	690	(173/169).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/18 15:26
L15	12	("3089505"   "4470429"   "4559966"   "4747427"   "4876766"   "4901749"   "4909275"   "4944325"   "5072913"   "5647389").PN. OR ("6029692").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:27
L16	18	("2903011"   "3123091"   "3314443"   "3326240"   "3653396"   "3825028"   "3882883"   "4182375").PN. OR ("4548229").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:32
L17	8	137/270.ccls. and valve and (lever or handle) near5 orientation	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/18 15:32
S3	1	("6773258").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/16 11:48

## EAST Search History

S4	100	("4353395" "5772954" "3684187" "5383650" "5390855" "5470227" "5792281" "4477262" "4806096" "5902544" "4247043" "4938455" "4248384" "5379930" "4409002" "4439249" "4625949" "4774983" "4776366" "4908070" "4930550" "4953358" "5236001" "5393223" "5695662" "6063329" "3627457" "3604631" "3705781" "3891195" "3866839" "3809320" "4147333" "4286620" "4361746" "4433358" "4585409" "4760994" "4915360" "5021624" "5392825" "5396043" "5407173" "5407348" "5414237" "5424507" "5506384" "5560380" "5591357" "5667193").pn. ("5769119" "5810042" "6116623" "6121570" "6232574" "6232575" "6248972" "6451245" "4429585" "4606528" "6201207" "4585410" "5832801" "6070311" "6109544" "5196072" "4449698" "5391237" "5683821" "5799878" "4328050" "4333636" "4351676" "4449699" "4450014" "4509689" "4511086" "4572483" "5207533" "5398913" "5472174" "5520241" "5622672" "4317643" "4349396" "4366950" "4371771" "4483721" "4818220" "4923527" "4955126" "4985610" "5280883" "5431329" "5507438" "5538176" "5626181" "5688469" "5700421" "5944915").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/16 11:53
S5	11	("2275491" "2666479" "2672186"  "2893420" "3891195" "5470227"  "5571427").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/16 11:54
S6	1	("2709446").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/16 11:54
S7	1	("2709446").URPN.	USPAT	OR	ON	2007/07/16 11:54
S8	1	("2666479").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/16 13:49
S9	1	("2666479").URPN.	USPAT	OR	ON	2007/07/16 14:50
S10	839	reversible near2 valve	USPAT	OR	ON	2007/07/16 15:04
S11	436	reversible near2 valve and passage\$3	USPAT	OR	ON	2007/07/16 14:51
S12	3	reversible near2 valve and torch	USPAT	OR	ON	2007/07/16 14:52
S13	1338	invert\$3 near2 valve	USPAT	OR	ON	2007/07/16 14:55
S14	25	reversible same valve and torch	USPAT	OR	ON	2007/07/16 14:52

## EAST Search History

S15	81	invert\$3 same valve and torch	USPAT	OR	ON	2007/07/16 14:52
S16	182	invert\$3 near2 valve and lever	USPAT	OR	ON	2007/07/16 14:56
S17	66	("20050074715" "4353395" "5120026" "6504128" "6717093" "20020088785" "20040140340" "20050098542" "3609275" "3678239" "3735088" "3975615" "4035605" "4142084" "4161640" "4412122" "4445846" "4626651" "4721241" "4733051" "4840303" "4854493" "5030812" "5121873" "5347098" "5892199" "6124566" "6225598" "6518545" "6713710" "7005607" "7232974" "20040069753" "20040074885" "20060076318" "3666255" "3837322" "3842810" "3852379" "3866839" "3873028" "3919984" "3919985" "3994674" "4030710" "4065109" "4128391" "4168822" "4348172" "4570047" "4572483" "4580032" "4600824" "4832595" "4942281" "5258599" "5290995" "5383650" "5407348" "5414237" "5550344" "5741128" "5769119" "6079230" "6362450" "6561797" "6809286" "6827508" "20020176672" "20020197579" "20050118548" "20050247698" "20060131292" "4008384" "6011241" "6078023" "6609921" "7129442" "20050067054" "20050199600" ).pn.	USPAT	OR	ON	2007/07/16 14:59
S18	282	(251/289).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/16 15:04
S19	12	"266"/\$.ccls. and reversible same valve	USPAT	OR	ON	2007/07/16 15:06
S20	7	("2275491" "2666479" "2672186"  "2893420" "3891195" "5470227"  "5571427").PN.	USPAT	OR	ON	2007/07/16 15:11
S21	414	"251"/\$.ccls. and reversible same valve	USPAT	OR	ON	2007/07/16 15:06
S22	269	"251"/\$.ccls. and reversible same valve and passag\$4	USPAT	OR	ON	2007/07/16 15:08
S23	669	"251"/\$.ccls. and invert\$3 same valve and passag\$4	USPAT	OR	ON	2007/07/16 15:08
S24	8	((("1237535") or ("1404011") or ("1614130") or ("1633265") or ("2083584") or ("2108819") or ("2197979") or ("2358228")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/16 15:12

## EAST Search History

S25	0	("1614130").URPN.	USPAT	OR	ON	2007/07/16 15:14
S26	6	((("1153681") or ("1614130") or ("2108820") or ("2554563") or ("2666479") or ("2709446"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/16 15:16
S27	1	("5747018").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/16 15:16
S28	1	("5740018").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/16 15:16
S29	2	((("5740018") or ("5542609"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/16 15:17
S30	2	((("5470018") or ("5542609"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/16 16:03
S31	1	("5833450").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/16 16:41
S32	1	("5833450").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/17 09:04